



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **07067174 A**(43) Date of publication of application: **10.03.1995**(51) Int. Cl. **H04Q 7/38**(21) Application number: **05211612**(22) Date of filing: **26.08.1993**(71) Applicant: **NEC CORP**(72) Inventor: **UN CHIYAN HOKU****(54) DIGITAL AUTOMOBILE TELEPHONE SYSTEM WITH DOWNLOADING FUNCTION FOR EXTENDED SOFTWARE****(57) Abstract:**

**PURPOSE:** To enable even the mobile station of a subscriber of a different company to receive service characteristic to this company by roaming the service area of an exchange and downloading the extended software other than standard software that the exchange has to the mobile station which has made a position registration request.

**CONSTITUTION:** The exchange 101 once receiving a position registration request signal from the mobile station 104 through a base station 102 and a radio station 103 retrieves subscriber data by referring to subscriber data 106 by a position registration/roaming control part 108 and sends a position registration acceptance sig-

nal to the mobile station 104 through the base station 102 and radio station 103. Then an extended software downloading control part 105 is actuated to send a download setup signal to the mobile station 104 similarly. The exchange 101 waits for the download acceptance signal of the mobile station 104 and sends a download signal to the mobile station 104. Consequently, even the mobile station 104 of the subscriber of the different company can receive the service characteristic to this company.

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